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MONSANTO

From: Gordon A. Grundmann CS6G Corporate Engineering (4-6112)

Date: August 2, 1985

cc: D.R. Bowers CS6G

L.V. Bumbicka 1740

Subj: Project Progress Meetings

R.M. Calles CS6G

M.A. Coco Alberici

Re: CEA 3808 - Main South Trunk Sewer

R.J. Geile CS6G

E.R. Hartman CS6G

TO: J.J. Beckerle Alberici

P.R. Hoemann 1740

W. Bodine Alberici

L.C. Kreh F2ED

T.N. Carrico 1740*

F.A. Mayse CS6G

W.C. Koester Alberici*

B.W. Steketee 1740*

K.W. Lichtenheld CS6G*

R.L. Wiese CS6G

C.J. Lotz Alberici*

R.L. Nelson 1740*

*Present at meeting

K.W. Petterson 1740*

**Part time

R.C. Martini 1740*

O.N. Shipley 1740*

R. Schlereth Fleischer Seeger**

R.B. Knoll Fleischer Seeger**

Following are minutes of the meeting held at the CED construction trailers on 8/1/85 at 9:30 a.m.

1. Construction Progress

- a. Continued making joints on 42" VCP east of manhole 1-EE.
- b. Concrete encased 42" pipe through culvert from manholes 1-DD to 1-EE. Forms stripped.
- c. Concrete encased lateral L-43.
- d. Starting installation of 18" VCP lateral L-45.
- e. Final joint passes being made on 15" VCP lateral L-46.
- f. Forms stripped off manhole 2-BB walls.
- g. Currently forming manhole 2-AA walls.
- h. Continuing to excavate 42" trench east of manhole 2-BB.
- i. Backfilling east of manhole 1-DD and pulling pile.

2. Contaminated Soil

Still waiting for state permits to ship stockpiled material.

WGK 4084660

3. Jumpers

- a. Jumper T-1 has been installed.
- b. Excavation has exposed both tie-in points for jumper T-2. A revised method of installation has been agreed to for the 12" VCP where it enters the existing manhole 2-V. (A reducer will not be used.)
- c. A review of the T-3 jumper was made. Digging at existing manhole 4-E is required to determine the best way to get out of the manhole. An investigation of 4th Street will be required to see how to best avoid the utilities. Checks also required on existing manholes 33-C-1 and 33-B.

Alberici to advise Lichtenheld of comparative cost and delivery of 21" vs. 24" VCP. The 21" pipe is nonstandard and may have a 3-4 week delivery.

4. Internal Manhole Work

- a. Several more high spots need to be corrected in manhole 1-AA. The membrane thickness above the 42" pipe encasement also needs to be reduced to 3/8". In this small area the furan membrane will have to be thicker to allow for this slight depression. The inside brickwork is to be vertically straight. Fleischer Seeger plans to complete this work on 8/2/85. Assuming acceptance of the asphaltic membrane, work can then begin on the furan membrane. Pin hole testing will continue to be minimized.
- b. Additional grinding is required in a few small areas on the concrete encasement around the 42" VCP in manhole 1-BB. These areas were marked. After grinding, these areas will need to be reprimed. Then the manhole will be ready for application of the asphaltic membrane. Alberici.
- c. Petterson and Nelson need to review all of the other completed manholes ASAP to insure that the walls have good vertical alignment. This will insure that the membranes can be correctly installed.

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J.J. Beckerle, et al

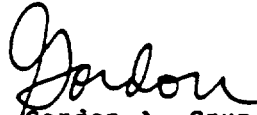
August 2, 1985

- Page 3

5. Department 245

- a. Lichtenheld reviewing the possibility of moving manhole 3-AA farther to the west to avoid the possible necessity to sheet pile in this area due to the proximity to railroad track #4, which needs to be kept open during construction. This will increase the length of the culvert pipe under this track.
6. Railroad track #4 also crosses lateral L-85. A precast section of 42" VCP could be installed under this track during the October shutdown. In order to have one fixed point, the concrete work on manhole 2-DD should be complete at this time. Shipley and Martini to work with Alberici in planning this work.

The next progress meeting will be held on Thursday, August 8 at 9:30 a.m. at the construction trailers. All Monsanto project personnel are to meet prior to this meeting at 9:00 a.m.



Gordon A. Grundmann

ga/21782

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